

Attorney's Docket No. 5649-483CTDV

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Seung-Hwan Lee et al.

Serial No.: To Be Assigned

Filed: Concurrently Herewith

For: INTEGRATED CIRCUIT CAPACITORS HAVING DOPED HSG ELECTRODES

August 5, 2003

Mail Stop Patent Application

Commissioner for Patents

P.O. Box 1450

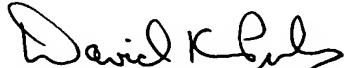
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT  
CITATION UNDER 37 C.F.R. § 1.97**

Sir:

Attached is a list of documents on form PTO-1449. Items 1-66 listed on the PTO-1449 were cited in parent application Serial No. 09/735,244, filed December 12, 2000. Since the benefit of this application is claimed under 35 U.S.C. §120, no copies need to be furnished in accordance with 37 C.F.R. §1.98(d); however, copies will be furnished on request. It is requested that these documents be considered by the Examiner and officially made of record in accordance with the provisions of 37 C.F.R. §1.97 and Section 609 of the MPEP.

Respectfully submitted,

  
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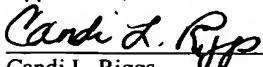
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Candi L. Riggs

Date of Signature: August 5, 2003

FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office				Attorney Docket Number 5649-483CTDV		Serial No. To be assigned	
LIST OF DOCUMENTS CITED BY APPLICANT  (Use several sheets if necessary)				Applicants: Seung-Hwan Lee et al.			
				Filing Date: Concurrently herewith		Group: To be assigned	
U. S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	1	6,218,260	4/2001	Lee et al.	438	398	
	2	5,989,973	11/1999	Zahurak et al.	438	398	
	3	5,899,725	05/04/99	Harshfield	438	398	
	4	5,897,352	04/27/99	Lin et al.	438	255	
	5	5,891,744	04/06/99	Lowrey et al.	438	14	
	6	5,885,867	03/23/99	Turner et al.	438	261	
	7	5,885,867	03/23/99	Shin et al.	438	255	
	8	5,874,336	02/23/99	Cherng	438	255	
	9	5,872,033	02/16/99	Figura	438	255	
	10	5,837,581	11/17/98	Cheng	438	255	
	11	5,821,152	10/13/98	Han et al.	438	398	
	12	5,817,555	10/06/98	Cho	438	253	
	13	5,811,333	9/22/98	Zenke	438	255	
	14	5,804,480	09/08/98	Lu et al.	438	253	
	15	5,798,280	08/25/98	Mathews et al.	437	165	
	16	5,763,306	6/9/98	Tsai	438	255	
	17	5,759,894	06/02/98	Tseng et al.	438	255	
	18	5,759,262	06/02/98	Weimer et al.	117	88	
	18	5,753,559	05/19/98	Yew et al.	438	398	
	20	5,741,734	4/21/98	Lee	438	235	
	21	5,726,085	03/10/98	Crenshaw et al.	438	255	
	22	5,721,171	2/24/98	Ping et al.	438	398	
	23	5,721,153	02/24/98	Kim et al.	437	60	
	24	5,696,014	12/09/97	Figura	437	52	
	25	5,691,228	11/25/97	Ping et al.	437	60	
	26	5,663,090	09/02/97	Dennison et al.	438	398	

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Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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27	5,663,085	9/2/97	Tanigawa	438	255	
28	5,658,381	08/19/97	Thakur et al.	257	398	
29	5,656,531	08/12/97	Thakur et al.	438	398	
30	5,639,685	06/17/97	Zahurak et al.	437	60	
31	5,634,974	06/03/97	Weimer et al.	117	103	
32	5,629,223	05/13/97	Thakur	438	398	
33	5,623,243	04/22/97	Watanabe et al.	257	309	
34	5,623,243	04/22/97	Watanabe et al.	257	309	
35	5,622,889	04/22/97	Yoo et al.	438	397	
36	5,618,747	4/8/97	Lou	438	398	
37	5,612,558	03/18/97	Harshfield	257	298	
38	5,608,247	03/04/97	Brown	257	309	
39	5,597,754	1/28/97	Lou et al.	437	52	
40	5,554,557	09/10/96	Koh	437	52	
41	5,492,850	02/20/96	Ryou	437	52	
42	5,486,488	01/23/96	Kamiyama	437	60	
43	5,486,488	01/23/96	Kamiyama	437	60	
44	5,459,345	10/17/95	Okudaira et al.	257	310	
45	5,452,178	09/19/95	Emesh et al.	361	303	
46	5,447,878	09/05/95	Ryou	437	60	
47	5,447,878	09/05/95	Park et al.	437	52	
48	5,407,534	04/18/95	Thakur	156	662	
49	5,385,863	01/31/95	Tatsumi et al.	437	109	
50	5,362,632	11/08/94	Mathews	437	47	
51	5,358,888	10/25/94	Ahn et al.	437	52	
52	5,352,623	10/04/94	Kamiyama	437	52	
53	5,330,614	7/19/94	Ahn	156	631	
54	5,278,091	01/11/94	Fazan et al.	437	52	
55	5,234,857	8/10/93	Kim et al.	437	47	
56	5,227,651	7/13/93	Kim et al.	257	309	

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	57	5,208,479	5/4/93	Mathews et al.	257	534	
	58	5,142,438	08/25/92	Reinberg	361	313	
	59	5,102,820	4/7/92	Chiba	437	52	
	60	4,636,833	1/13/87	Nishioka et al.	357	71	
	61	4,411,708	10/1983	Winham	148	1.5	
<b>FOREIGN PATENT DOCUMENTS</b>							
		Document Number	Date	Country	Class	Subclass	Translation Yes   No
	62	8-298312	11/1996	Japan	H01L	27/108	No
	63	8-298312	11/1996	Japan	H01L	27/108	Yes (abstract)
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
	64	Kamiyama et al., <i>Characterization of Ultra-Thin Capacitors Fabricated Using RTN Treatment Prior To CVD Ta<sub>2</sub>O<sub>5</sub> Film Formation</i> , Extended Abstracts of the 1992 International Conference on Solid State Devices and Materials, Tsukuba, 1992, pp. 521-523.					
	65	Watanabe et al., "A New Cylindrical Capacitor Using Hemispherical Grained Si (HSG-Si) for 256 Mb DRAMs," IEEE, 1992, pp. 10.1.1-10.1.4					
	66	First Office Action in Chinese Patent Application No. 98106601.1; January 17, 2003.					

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